SHANKAR PAL ☎ +919588376074 ✉ shankarpal22@iitk.ac.in

EDUCATION

Qualification	Educational Institute	CGPA/Percentage	Year
M.Tech | Industrial and Management Engineering	**Indian Institute of Technology, Kanpur**	---	2022-20243 (Expected)
B.Tech | Mechanical Engineering	National Institute of Technology, Kurukshetra	8.64	2016-2020
Higher Secondary Education | BSEH	Govt Sr. Secondary School, Naraingarh	89%	2015
Secondary Education | BESH	SMB Geeta Sr. Secondary School, Naraingarh	89.8%	2013

ACADEMIC PROJECTS

House Price Prediction \| Self Project   Check \| here

Approach & Result	• Performed **univariate** and **bivariate** analysis, **mean imputation,** encoded variables with **onehotencoder** • Selected best **15 features** out of 80 using **SelectKBest** and predicted the house price using **random forest regressor** and **linear regression**

Titanic-Machine Learning from Disaster \| Self Project   Check \| here

Approach & Result	• Performed bivariate analysis to check **multicollinearity and** eliminated redundant features. • Created a new **derived variable** to reduce features and classified using **random forest classifier** with **77% accuracy**

Exploratory Project on Amazon Best Selling Books   Check \| here

Approach & Result	• Perform EDA (Exploratory Data Analysis), select top 10 books and most earning authors. • Use importing modules such as Numpy, Pandas and visualization modules such as matplotlib and seaborn.

COURSEWORK AND SKILLS

Relevant Courses	Data Mining and Knowledge Discovery | Probability & Statistics | Operations Research for Management | Introduction to Computing- JAVA
Online Courses	Excel Skills for Business: Essentials | Python Fundamental | Data Visualization with Power BI |Elements of AI |Basics of Machine Learning
Technical Skills	Python | SQL | Power BI | MS Excel | Tableau | PyQt | Java* **Data Science and ML:** Keras, Numpy, Pandas, Scikit-learn,Matplotlib, Seaborn

POSITION OF RESPONSIBILITIES & Extracurricular Activities

- **Member of Media and Cultural Team** - IME Department, IIT Kanpur   2022-present

Responsibilities: Website Maintenance, Organizing Cultural Events, Treasury Management.

- **Certificate of Merit - Narayan Talent Search Examination**

Organizers: Vidya Bharti Uttar Kshetra (North India).

- **Rank 48 in Medhavi Chhatra Pariksha (Brilliant Student Examination)**

Organizers: Hindu Sikhsha Samiti -Haryana.